DEFENSE CENTERS OF EXCELLENCE
For Psychological Health & Traumatic Brain Injury

Defense Centers of Excellence (DCoE) for Psychological Health and Traumatic Brain Injury

Overview Briefing
22 January 2009

Agenda

DEFENSE CENTERS OF EXCELLENCE
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- DCoE Background and Organization
- DCoE Strategic Planning
- DCoE Component Overview

Defense Centers of Excellence (DCoE) for PH/TBI

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Timeline for establishment of DCoE for Psychological Health (PH) and Traumatic Brain Injury (TBI)

- **Sep 2007: Center Director named**
- **Nov 2007: Center doors opened in Rosslyn**
- **June 2008: Acting Deputy Director (VA) named**
- **July 2008: All key leaders onboard and all Directorates stand up**
- **Aug 2008: Split operations began with staff co-located in both Rosslyn and Silver Spring**
- **Sept 2008: DCoE continues to work many LoA2/ Red Cell actions, coordinating with FHP&R, CP&P, and VA**
- **Jan 2009: Deputy Director (VA) confirmed**

Governance and Authority

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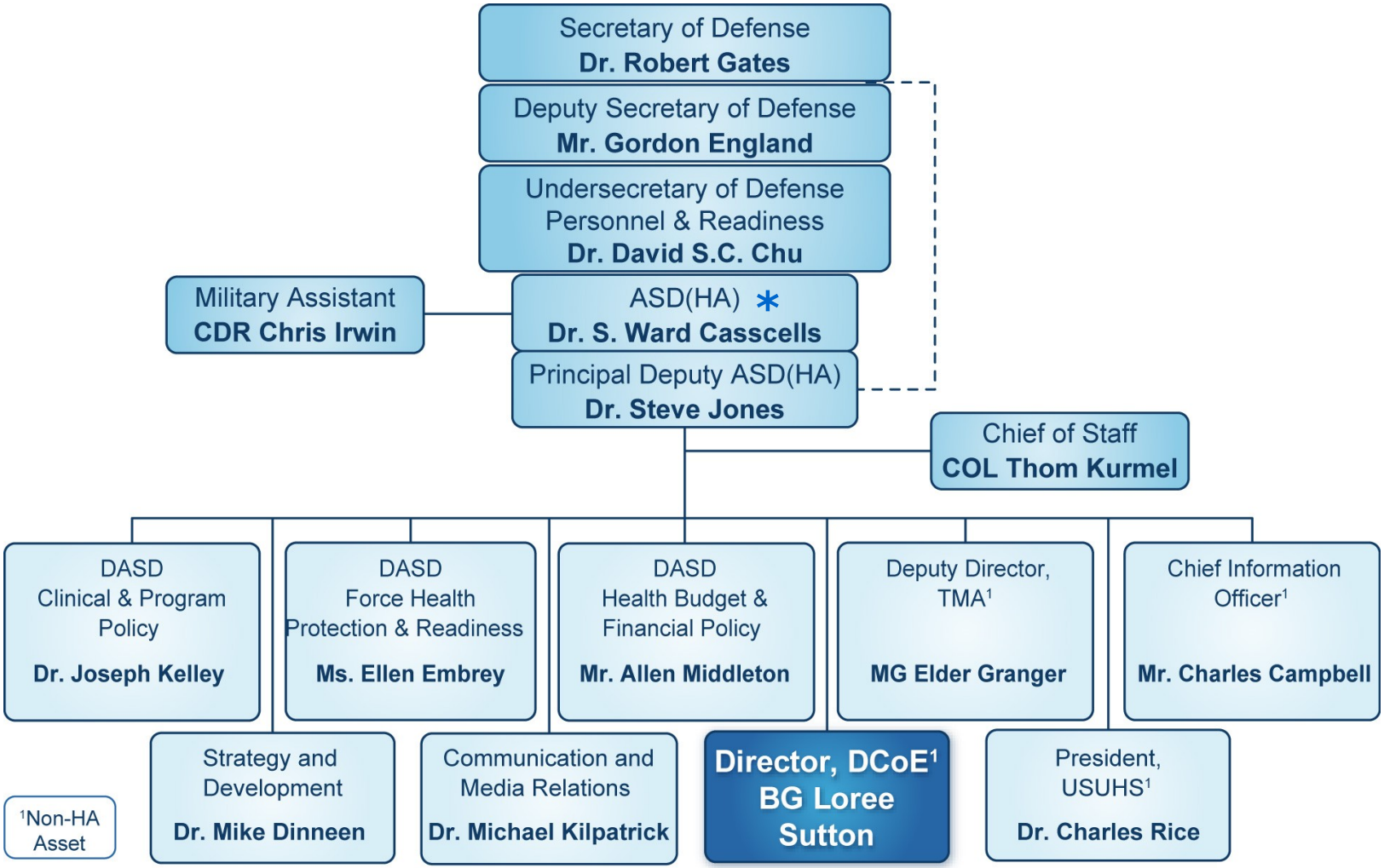

*** DCoE reports to the TMA Director (dual-hatted as ASD (HA))**

DCoE Organization

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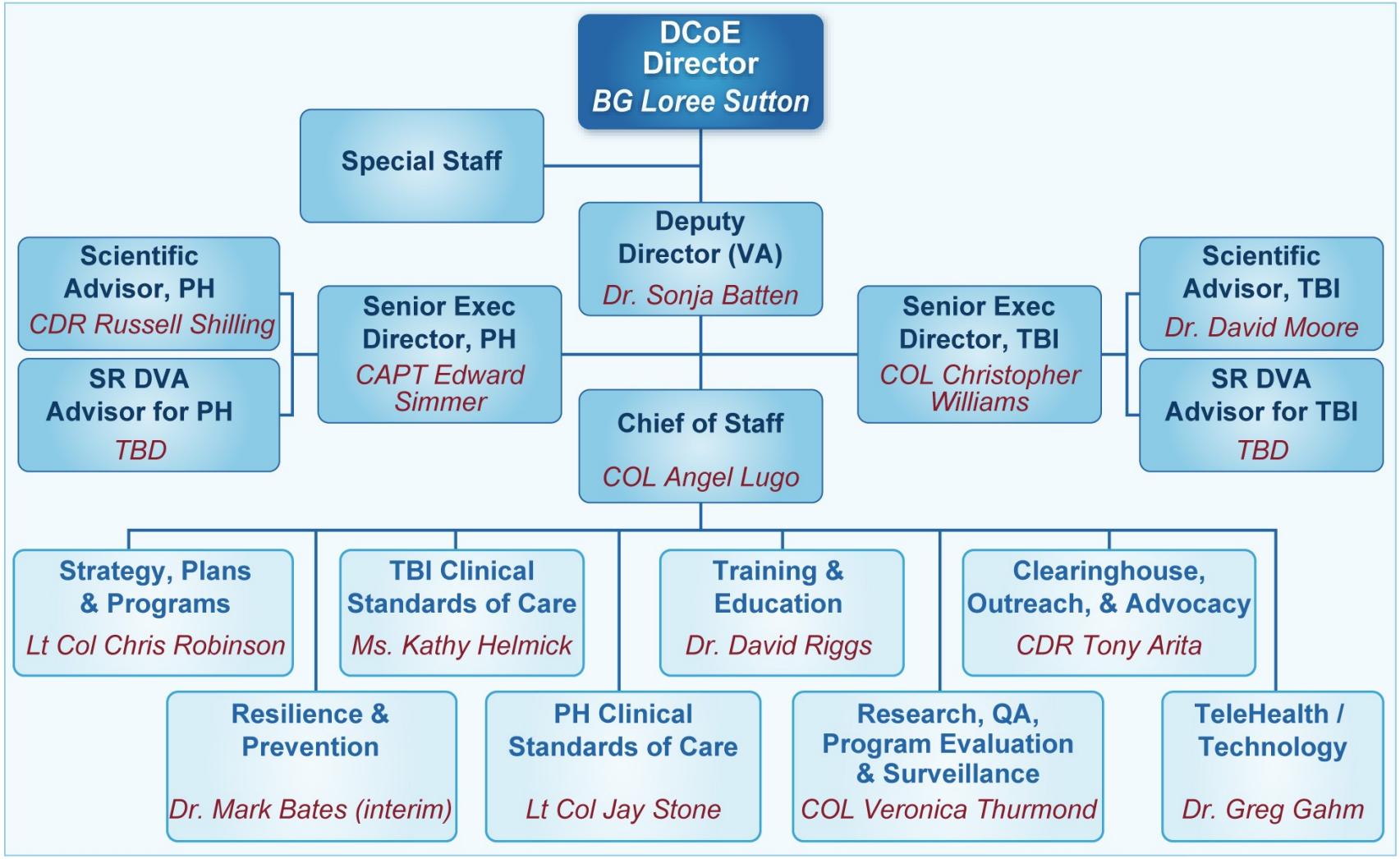

DCoE Overview

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For Psychological Health

DCoE Executive Coordinating Staff (HQ)

Overview
- Reports to Dir,TMA
- Initial operational capability July 08

Core Functions
- Program infrastructure support
- Manages and coordinates HR, facilities, and resource management
- Integrates and directs the Centers
- Sets strategic agenda for DCoE and Centers

Key Accomplishments
- Established organization
- Facilitated construction approval for NICoE

Defense and Veterans Brain Injury Center (DVBIC)

Overview
- Joint DoD/VA
- TBI-specific evaluation, treatment and follow-up care
- Designated DoD Office of Responsibility for TBI surveillance for all the Services

Core Functions
- Clinical Care
- Research
- Education
- Force Management

Key Accomplishments
- Developed guidelines for mTBI in deployed setting

Center for Deployment Psychology (CDP)

Overview
- Deployment-related training for military and civilian mental health providers
- Research deployment-related needs of Service members/families

Core Functions
- MTF-based training and education
- Classroom instruction
- Bethesda-based training courses
- Mobile training teams
- Online provider training and support

Key Accomplishments
- Trained 1,178 providers in FY 2008

Deployment Health Clinical Center (DHCC) www.pdhealth.

Overview
- Medical advocacy and assistance for Service members/families
- Specialized care programs for Service members and veterans

Core Functions
- Direct deployment healthcare delivery
- Education and outreach
- Clinical and Services research
- Program implementation and evaluation

Key Accomplishments
- Completed 69,169 RESPECT-MIL depression and PTSD screenings in FY 2008

Center for the Study of Traumatic Stress (CSTS) www.centerforthestudyoftr

Overview
- Knowledge, leadership, and applications for preparing for, responding to, and recovering from consequences of disaster and trauma
- Integrates science, clinical care, community needs and the health of the nation

Core Functions
- Research
- Education
- Public Health
- Consultation
- Literature database

Key Accomplishments
- Maintained a database (25,000+ resources) on war, disaster, WMD and trauma effects on individuals, communities, and nations.

Telehealth & Technology (T2) www.dcoe.health.

Overview
- Leverage technologies to screen, educate, prevent, assess and treat
- Research, evaluate and develop new tech applications
- Integrates science, clinical care, community needs and health of the nation
- T2 Center and T2 Directorate share a director

Core Functions
- Execute and manage T2 projects
- Coordinate and manage Service programs

Key Accomplishments
- Developing and maximizing technology to streamline PH tools (DoDSER, ABHC)

National Intrepid Center of Excellence (NICoE)

Overview
- Clinical arm of DCoE
- Opens fall 2009

Core Functions
- Consultation and coordination
- Comprehensive evaluation and diagnosis
- Individualized treatment planning
- Clinical Research
- Training and Education

Key Accomplishments
- Phase I complete; Phase II has begun

Key Partnerships:
"Tree of Life"

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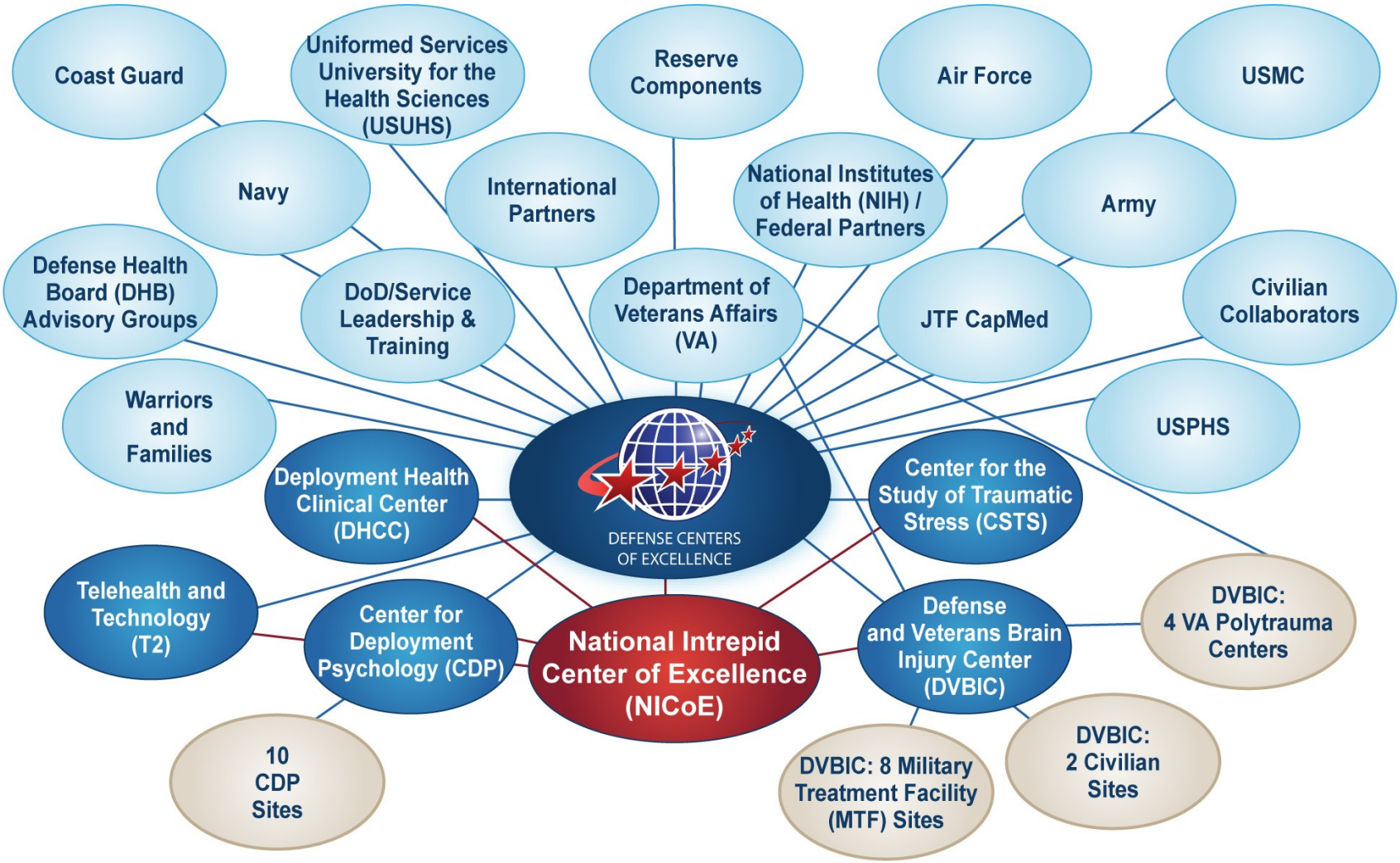
Coast Guard
Uniformed Services University for the Health Sciences (USUHS)
Reserve Components
Air Force
USMC
Navy
International Partners
National Institutes of Health (NIH) / Federal Partners
Army
Defense Health Board (DHB) Advisory Groups
DoD/Service Leadership & Training
Department of Veterans Affairs (VA)
JTF CapMed
Civilian Collaborators
Warriors and Families
USPHS
Deployment Health Clinical Center (DHCC)
DEFENSE CENTERS OF EXCELLENCE
Center for the Study of Traumatic Stress (CSTS)
Telehealth and Technology (T2)
Center for Deployment Psychology (CDP)
National Intrepid Center of Excellence (NICoE)
Defense and Veterans Brain Injury Center (DVBIC)
DVBIC: 4 VA Polytrauma Centers
10 CDP Sites
DVBIC: 8 Military Treatment Facility (MTF) Sites
DVBIC: 2 Civilian Sites

Mission and Vision

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Mission: DCoE facilitates and implements prevention, resilience, identification, treatment, rehabilitation, and reintegration programs for PH and TBI to ensure the Department of Defense meets the needs of the nation's military communities, warriors, and families.

Vision: Leading the nation in resilience, recovery, and reintegration for warriors and their families in all areas related to PH and TBI.

Strategic Planning Process

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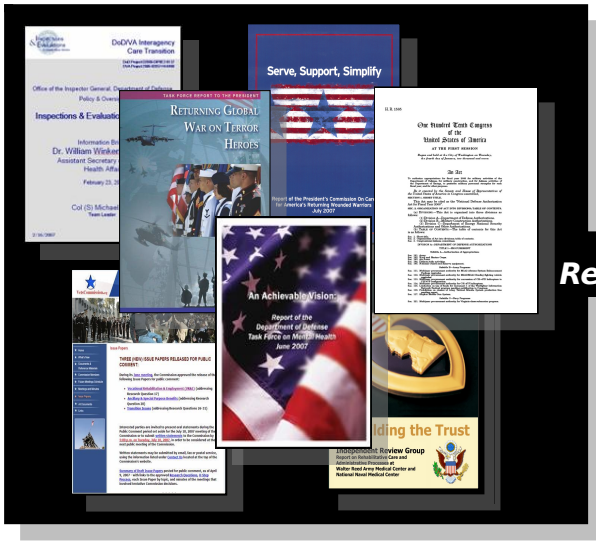
Seven Resource Documents


DoD/VA Interagency Care Transition
Serve, Support, Simplify
Returning Global War on Terror Heroes
An Achievable Vision:
Report of the Department of Defense Task Force on Mental Health June 2007
Building the Trust

Recommendations

Five Guiding Principles

- Furnish strong, visible leadership and the necessary resources
- Create, disseminate, and maintain excellent standards of care
- If best practices are unavailable, conduct pilot or demonstration projects to better inform quality standards
- Monitor and revise access, quality, and program implementation to ensure standards and consistent quality are executed
- Construct a system where each individual can expect and receive the same level of service and quality of service regardless of Service, Component, status, or geographic location

Seven Strategic Goals

- Expand Access to Care
- Improve Quality of Care
- Support Transition
- Improve Screening & Surveillance
- Build Resilience
- Conduct Research

Build a strong culture of Leadership & Advocacy

28 Programs

128 New or Expanded Supporting Initiatives

DCoE Executive and Coordinating Staff

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DCoE Exec Staff Overview	Accomplishments as of Dec 08
▪ Executive and coordinating staff handle communication among Centers to ensure unity of effort as well as to develop common tools, techniques and protocols for use throughout DoD and VA ▪ DCoE is building enterprise capability in the following core functions to ensure consistency and quality of care for PH and TBI: – Strategy, Plans and Programs – Resilience and Prevention – Standards of Care (TBI and PH) – Training and Education – Research, Program Eval, QA, Surveillance – Clearinghouse, Outreach, and Advocacy – Telehealth and Technology	▪ Completed a strategic operations plan to develop and align DCoE programs as mandated by Congress for PH/TBI ▪ Convened strategic conferences to ensure subject matter consensus in vital areas and to communicate best practices ▪ Launched DCoE website (104 Avg. Visits per day) ▪ Implemented a national public awareness campaign dispelling stigma about PH/TBI ▪ Provided 24/7 call center to engage with Warriors, Warrior Families, Caregivers, Clinicians, and Leaders on PH/TBI issues ▪ Lead a Trauma Spectrum Disorders Conference, the first scientific collaborative conference on race, gender, and other socioeconomic issues ▪ Initiated a premium newsletter to communicate best practices and encourage innovation (3030 newsletters distributed) ▪ Established 20 collaborations to Include DoD/VA Working Groups

Defense and Veterans Brain Injury Center (DVBIC)

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Mission: To serve Active Duty military, their dependents and veterans with traumatic brain injury through state of the art medical care, innovative clinical research initiatives, and educational programs.

DVBIC Overview

- Network of 16 sites
  -10 MTF, 4 VA, 2 civilian
- Develops and provides advanced TBI-specific evaluation, treatment and follow-up care for all military personnel, their dependents and veterans with brain injury
- Conducts clinical research that defines optimal care and treatment for individuals with TBI
- Develops and delivers effective educational materials for the prevention, treatment of TBI and management of its long-term effects
- Clinical Initiative: NDAA Clinical Taskers
  - DoD Office of Responsibility for TBI Surveillance
  - DoD Office of Responsibility for TBI Surveillance for Pre-Deployment Cognitive Testing
- Clinicians in theater can consult; recommendations are made within 4 hrs

•*Key Partnerships: SAMHSA, DoD, VA*

Accomplishments as of Dec 08

- Developed guidelines for acute management of Mild TBI in Deployed setting
- Conducted first-ever randomized controlled trial of rehab therapy
- Pioneered the first Institutional Review Board-approved prospective study in a combat zone
- Trained more than 1,500 DoD providers in the management of TBI
- Treated 3424 patients
- Presented 53 manuscripts
- Distributed 6520 educational tools
- Analyzed 925 survey reports

Center for Deployment Psychology (CDP)

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Mission: To train military and civilian psychologists and other mental health professionals to provide high quality deployment-related behavioral health services to military personnel and their Families.

CDP Overview	Accomplishments as of Dec 08
• Offers a two week intensive course covering: – The deployment cycle – Trauma and Resilience – Behavioral Health Care of the Seriously Medically Injured – Deployment and Families • Conducts Continuing Education Seminars throughout the Military Health System • *Key Partnerships: Service Branches, CSTS, American Psychiatric Association, American Red Cross, CDC, Department of Defense, Purdue University, Military One Source, National Center for PTSD, National Military Family Association, Office of Military Community and Family Policy*	▪ 1178 providers trained – 280 providers trained at a 2-week course – 361 providers trained at a 1-week workshop – 274 providers trained at PTSD workshops with AF – 263 providers trained at other PTSD workshops ▪ 50 continuing education credits are offered to Psychologists

Deployment Health Clinical Center (DHCC)

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Mission: To improve deployment-related health by providing caring assistance and medical advocacy for military personnel and Families with deployment-related health concerns.

DHCC Overview	Accomplishments as of Dec 08
▪ Assists military members, veterans and families with deployment health concerns or military related exposures after deployment ▪ Assist unit commanders and leaders to mitigate deployment health risks and provide post-deployment healthcare ▪ Maintains RESPECT MIL, which enhances recognition and treatment of PTSD in the primary care setting • *Key Partnerships: Service Branches, Agency for Healthcare Research and Quality, American Academy of Family Physicians, American Medical Association, CDC, DoD, DoS, DHS, HHS, VA, Emory University, RAND, SAMHSA, University of Iowa, University of Texas, National Library of Medicine, WHO, National Center for PTSD*	▪ 69,169 RESPECT MIL depression and PTSD screenings done in FY08 ▪ Research projects: – Screened 8673 individuals – Enrolled 579 individuals in clinical trials or pilot programs – Interviewed 252 individuals in focus groups or diagnostic interviews – Provided treatment to 526 patients ▪ Submitted or published 17 manuscripts in peer-reviewed journals ▪ Prepared 43 abstracts ▪ Delivered 40 presentations at conferences and workshops

Center for the Study of Traumatic Stress (CSTS)

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Mission: To provide knowledge, leadership, and applications for preparing for, responding to, and recovering from the consequences of disaster and trauma.

CSTS Overview	Accomplishments as of Dec 08
▪ Conducts research, education, consultation and training on the psychological effects of traumatic events ▪ Support given to partner with the "Child Traumatic Stress Network" to develop resources and provide assistance to military families ▪ Conducts pioneering, translational research in neuroscience that addresses brain-related prevention, onset and recovery elements of the neurobiology of trauma-related exposures ▪ Conducts first molecular studies of PTSD in Human Brain and cutting edge biomarker studies ▪ Located at USUHS •*Key Partnerships: USUHS, VA, CDC, NIH, and NCPTSD*	▪ 111 Publications, Posters, and Presentations ▪ 25 Present and Awarded Grants/Research ▪ 4 University Courses Taught ▪ Maintained a critical database (consisting of over 25,000 resources) of selected literature on war, disaster, WMD and trauma effects on individuals, communities, and nations

National Intrepid Center of Excellence (NICoE)

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Mission: To steadfastly advance evidence based practices in the assessment, diagnosis, research, treatment planning, education, and long term follow-up for those Warriors who have sustained TBI, PTSDs, or other psychological injuries as they served and sacrificed in the service of our nation.

NICoE Overview	Accomplishments as of Dec 08
• Clinical arm of DCoE • PH/TBI evaluation and diagnosis, initial treatment plans, education, tele-health and long-term follow-up • Designed to provide the services for advanced diagnostics, initial treatment plan and family education, introduction to therapeutic modalities, referral and reintegration support for military personnel and veterans with TBI, PTSD, and/or complex PH issues •*Key Partnerships: Fisher House Foundation, DoD, VA, NIH, U.S. Medicine Information Central, USUHS*	▪ Construction plan complete ▪ Initial staffing plan complete ▪ Initial equipment list complete ▪ Initial concept of operations complete ▪ Phase I Complete ▪ Groundbreaking ceremony June 2008 ▪ Phase II began in December 08

Telehealth & Technology (T2)

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Mission: To advance world class care through innovation. The T2 Center is a coordinating body that works with external partners and other stakeholders such as the VA and civilian organizations working to apply technology to the areas of PH and TBI.

T2 Overview	Accomplishments as of Dec 08
• Creating a telehealth network to ensure the appropriate PH/TBI services reach beneficiaries, regardless of their location (particulary in underserved areas) • Fosters comprehensive programs that deploy new technologies for PH/TBI NATIONAL CENTER FOR TELEHEALTH & TECHNOLOGY a DCoE Center •*Key Partnerships: VA, Services, CDC, AMEDD, Academia*	▪ 33,509 Website Users ▪ 13 sites with providers trained in Virtual Reality (VR) Therapy ▪ 19 T2 Federal or Academic Partners ▪ 15 Conference Presentations ▪ 12 Publications • Launched “afterdeployment.org” to aid with deployment related issues

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QUESTIONS?